

Section 1. Registration Information

Source Identification

Facility Name:	Albertsons Distribution Center #8220
Parent Company #1 Name:	Albertsons LLC
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	24-Jul-2009
Postmark Date:	24-Jul-2009
Next Due Date:	24-Jul-2014
Completeness Check Date:	30-Nov-2011
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0007 4153
Other EPA Systems Facility ID:	AZD983485129

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	
Parent Company #1 DUNS:	780095985
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	400 South 99th Avenue
Street 2:	
City:	Tolleson
State:	ARIZONA
ZIP:	85353
ZIP4:	9701
County:	MARICOPA

Facility Latitude and Longitude

Latitude (decimal):	33.444667
Longitude (decimal):	-112.273222
Lat/Long Method:	GPS - Unspecified
Lat/Long Description:	Process Unit
Horizontal Accuracy Measure:	10
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	

Owner or Operator

Operator Name:	Albertsons LLC
Operator Phone:	(602) 382-5300

Mailing Address

Operator Street 1:	400 South 99th Avenue
Operator Street 2:	
Operator City:	Tolleson
Operator State:	ARIZONA
Operator ZIP:	85353
Operator ZIP4:	9701
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Dale Rich
RMP Title of Person or Position:	General Manager
RMP E-mail Address:	Dale.Rich@Albertsonslc.com

Emergency Contact

Emergency Contact Name:	Craig Ellingson
Emergency Contact Title:	Facilities Operations Manager
Emergency Contact Phone:	(602) 382-5480
Emergency Contact 24-Hour Phone:	(951) 809-5310
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	craig.ellingson@Albertsonslc.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Maricopa County LEPC
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Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	380
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	
Air Operating Permit ID:	

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	12-May-2009
Last Safety Inspection Performed By an External Agency:	State environmental agency

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:
Preparer Phone:
Preparer Street 1:
Preparer Street 2:
Preparer City:
Preparer State:
Preparer ZIP:
Preparer ZIP4:
Preparer Foreign State:
Preparer Foreign Country:
Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.
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Process Chemicals

Process ID:	1000011030
Description:	Ammonia Refrigeration
Process Chemical ID:	1000012554
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	46500
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000011030
Process NAICS ID:	1000011423
Program Level:	Program Level 3 process
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000009322

Percent Weight:	99.9
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	Yes
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000010219

Percent Weight:	99.9
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Urban

Passive Mitigation Considered

Dikes:	
Enclosures:	Yes
Berms:	
Drains:	
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	Yes
Other Type:	

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

Albertsons LLC's implementation of the PSM program includes employee education in the hazards of ammonia and measures that can be used to reduce employee and community exposure to accidental ammonia releases. The plan includes regular preventative maintenance (mechanical integrity) for the ammonia refrigeration system components, and a program for both pre-startup safety reviews and management of changes (MOC) to the ammonia refrigeration system. The program also includes operating procedures for the safe operation of the refrigeration system, specific requirements for safe work practices (such as safe approaches to welding and similar hot work), and safety requirements for contractors who may be hired to work on the refrigeration system.

Albertsons LLC has a procedure in place for investigating incidents to ensure root causes are identified and corrective actions are taken to minimize the potential for recurrence of incidents. The program also has a procedure for conducting compliance audits to ensure the PSM program is being implemented at the Tolleson facility. Lastly the PSM written program incorporates the Tolleson facility's emergency response plan and places special emphasis on handling accidental releases of ammonia and coordination of emergency response with local fire departments and other emergency response organizations.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000010386
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7

Prevention Program Level 3 ID:	1000008980
NAICS Code:	49312

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	15-Aug-2008
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Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	25-Aug-2006
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The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	31-Aug-2009

Major Hazards Identified

Toxic Release:	Yes
Fire:	

Explosion:
Runaway Reaction:
Polymerization:
Overpressurization: Yes
Corrosion: Yes
Overfilling:
Contamination:
Equipment Failure: Yes
Loss of Cooling, Heating, Electricity, Instrument Air:
Earthquake:
Floods (Flood Plain):
Tornado:
Hurricanes:
Other Major Hazard Identified:

Process Controls in Use

Vents:
Relief Valves: Yes
Check Valves: Yes
Scrubbers:
Flares:
Manual Shutoffs: Yes
Automatic Shutoffs: Yes
Interlocks: Yes
Alarms and Procedures: Yes
Keyed Bypass:
Emergency Air Supply:
Emergency Power:
Backup Pump:
Grounding Equipment:
Inhibitor Addition:
Rupture Disks:
Excess Flow Device:
Quench System:
Purge System:
None:
Other Process Control in Use:

Mitigation Systems in Use

Sprinkler System: Yes
Dikes:
Fire Walls:
Blast Walls:
Deluge System:
Water Curtain:
Enclosure: Yes
Neutralization:
None:
Other Mitigation System in Use:

Monitoring/Detection Systems in Use

Process Area Detectors: Yes
Perimeter Monitors:
None:
Other Monitoring/Detection System in Use:

Changes Since Last PHA Update

Reduction in Chemical Inventory:
Increase in Chemical Inventory: Yes
Change Process Parameters:
Installation of Process Controls:
Installation of Process Detection Systems: Yes
Installation of Perimeter Monitoring Systems:
Installation of Mitigation Systems:
None Recommended:
None:
Other Changes Since Last PHA or PHA Update:

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures): 12-Jan-2009

Training

Training Revision Date (The date of the most recent review or revision of training programs): 25-Feb-2009

The Type of Training Provided

Classroom: Yes
On the Job: Yes
Other Training:

The Type of Competency Testing Used

Written Tests:
Oral Tests:
Demonstration: Yes
Observation: Yes
Other Type of Competency Testing Used:

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures): 31-Jul-2008

Equipment Inspection Date (The date of the most recent equipment inspection or test): 17-Jun-2009

Equipment Tested (Equipment most recently inspected or tested): Compressor Maintenance, Compressor #8220-RPG-CP-C3-93

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures): 31-Jul-2008

Change Management Revision Date (The date of the most recent review or revision of management of change procedures): 31-Jul-2008

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review): 31-Jul-2008

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit): 12-Oct-2007

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit): 31-Aug-2009

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)): 27-Jan-2005

Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation): 28-Jan-2005

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans): 01-Jul-2009

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures): 01-Jul-2009

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures): 01-May-2008

Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance): 01-May-2008

Confidential Business Information

CBI Claimed:

Section 8. Program Level 2

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?): Yes

Facility Plan (Does facility have its own written emergency response plan?): Yes

Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?): Yes

Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?): Yes

Healthcare (Does facility's ER plan include information on emergency health care?): Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan): 25-Sep-2008

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees): 28-Aug-2008

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated): Tolleson Fire Department

Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated): (623) 936-8500

Subject to

OSHA Regulations at 29 CFR 1910.38: Yes

OSHA Regulations at 29 CFR 1910.120: Yes

Clean Water Regulations at 40 CFR 112:

RCRA Regulations at CFR 264, 265, and 279.52:

OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:

State EPCRA Rules or Laws: Yes

Other (Specify):

Executive Summary

Executive Summary

Albertsons LLC is a diversified retailer of grocery products throughout the United States. Albertsons operates many retail grocery stores throughout the southwest that are supplied through a distribution and transportation complex located in Tolleson, Arizona. Albertsons LLC Refrigerated Distribution Center #8220 located on this facility employs 380 people and uses anhydrous ammonia for refrigeration of the products in storage. Anhydrous ammonia is subject to EPA regulation under 40 CFR 68, Accidental Release Risk Management of Highly Hazardous Chemicals. Albertsons LLC's Tolleson facility has never experienced a release of ammonia involving consequences that affected residents or the environment.

Pursuant to RMP regulations (40 CFR 68) and the Process Safety Management (PSM) regulations, Albertsons has developed a comprehensive written PSM program to protect employees and the surrounding community from exposure to the hazardous chemicals onsite. The facility completed process hazards analyses (PHA) for ammonia using the industry standard What-If?/Checklist Analysis developed by the International Institute of ammonia refrigeration (IIAR). The PHA's were completed using technical and operations staff from the Tolleson facility as well as experienced facilitators from an outside engineering firm (ERM-West, Inc.), and was revalidated to meet PSM and RMP Requirements in 2001 and 2006.

Albertsons implementation of the PSM program includes employee education in the hazards of ammonia and measures that can be used to reduce employee and community exposure to accidental releases of ammonia. The plans include preventative maintenance programs (mechanical integrity) for the ammonia system, and a program for both pre-startup safety reviews and management of changes (MOC) to the system. The program also includes specific requirements for safe work practices (such as safe approaches to welding and similar hot work) and safety requirements for contractors who may be hired to work on the system.

As part of the RMP requirements, Albertsons undertook a review of the potential offsite consequences of the accidental release of the largest vessel in the system. Although such a release is highly unlikely, the regulation requires this review.

Albertsons is committed to minimizing accidental releases of ammonia from the refrigeration process at the Tolleson distribution center. Facility management is involved in the design, operation, and maintenance of the system. Albertson's employees have been involved in the development of the PSM and RMP programs. Management has committed to working with local agencies and the community to educate the public regarding the hazards of ammonia and to ensure a safe workplace and surrounding community. Specific questions regarding RMP compliance at Albertsons LLC should be addressed to Albertsons Environmental Affairs Department.